CONTENTS

EXECUTIVE SUMMARY	es-i
INTRODUCTION	1
BACKGROUND	5
I. Understanding the Nature of the Urban Environment II. The Ecological Importance of Urban Areas	10 11 12 13 14 20 23 26 29 29 31 40 44 44
CONCLUSION	54
APPENDICES	60
ACKNOWLEDGEMENTS	62
MEMBERS OF THE NATIONAL ENVIRONMENTAL JUSTICE ADVISORY COUNCIL	64
MEMBERS OF THE WASTE AND FACILITY SITING SUBCOMMITTEE	66
LIST OF EPA BROWNFIELDS PILOT SITES	67
KEY EDA ACTIONS TO DATE	60

APPENDICES



This page intentionally left blank

ACKNOWLEDGEMENTS

Special thanks go the individuals who organized the individual Public Dialogues, which took place on the following schedule:

Roxbury Community College (June 5, 1995)

Boston, Massachusetts

Sha-King Alston, Center for Family Work and Community

46th Baptist Church (June 7, 1995)

Philadelphia, Pennsylvania

Maurice Sampson, Institute for Local Self-Reliance

Sam Spofforth, Clean Water Action

Belle Isle Nature Center (June 9, 1995)

Detroit, Michigan

Donelle Wilkins, Detroiters for Environmental Justice

Grace Boggs, Detroiters for Environmental Justice

Guy Williams, Detroiters for Environmental Justice/National Wildlife Federation

Niles Hall, Preservation Park (July 18, 1995)

Oakland, California

Martha Matsuoka, Urban Habitat Program

Romel Pascal, Urban Habitat Program

Lenny Siegel, Pacific Studies Center

Lillian Kawasaki, Department of Environment, City of Los Angeles

Environmental Justice Resource Center, Clark-Atlanta University (July 20, 1995)

Atlanta, Georgia

Connie Tucker, Southern Organizing Committee for Economic & Social Justice

Sulaiman Madhi, African American Environmental Services Project

DeLane Garner, Environmental Justice Resource Center (Clark Atlanta University)

EPA staff who provided support during the public dialogues included:

EPA Region II: James Younger and John Podgurski
EPA Region III: John Armstead and Josie Matsinger

EPA Region IV: Barbara Dick and Vivian Malone-Jones

EPA Region V: Mardi Klev and Jim Bower

EPA Region IX: Sherry Nikzat and Dianna Young

EPA Headquarters: Jan Young, former Designated Federal Official for the NEJAC Waste and

Facility Siting Subcommittee, and Katherine Dawes, EPA National

Brownfields Team

Additional support in producing this report was provided by Victoria Robinson, PRC Environmental Management, Inc.

Addresses for the members of the community are provided below:

Sha King Alston Program Manager

Center for Family Work & Community

1 University Avenue Lowell, MA 01854

Phone: 508-934-4677 Fax: 508-934-3026

Grace Boggs Detroit Summer 3061 Field St. Detroit, MI 48214

Phone: 313-921-1236 Fax: 313-769-1449

DeLane Garner

Environmental Justice Resource Center

Clark Atlanta Universitry

223 James P. Brawley Drive, SW

Atlanta, GA 30314

Phone: 404-880-6920 Fax: 404-880-6909

Lillian Kawasaki

Los Angeles Department of the Environment

City Hall-Mail Stop 177 200 North Spring Street Los Angeles, CA 90012 Phone: 213-580-1046 Fax: 213-580-1084

Sulaiman Madhi

African American Environmental Services

Project

233 Mitchell Street, Suite 410

Atlanta, GA 30303

Phone: 404-524-0357 Fax: 404-524-5851

Martha Matsuoka

The Urban Habitat Program

P.O. Box 29908 Presidio Station

Presidio Station of San Francisco San Francisco, CA 94129-9908

Phone: 415-561-3335 Fax: 415-561-3334 Romel Pascal

The Urban Habitat Program

P.O. Box 29908 Presidio Station

San Francisco, CA 94129-9908 Phone: 415-561-3336 Fax: 415-561-3334

Maurice Sampson Philadelphia Self-Reliant 129 West Gorgas Lane Philadelphia, PA 19119 Phone: 215-686-9242 Fax: 215-686-9034

Lenny Siegel

Pacific Studies Center 222-B View Street

Mountain View, CA 94041 Phone: 415-968-8918 Fax: 415-968-1126

Sam Spofforth
Clean Water Action
1128 Walnut Street
Philadelphia, PA 19107
Phone: 215-629-4022
Fax: 215-629-3973

Connie Tucker

Southern Organizing committee for

Economic & Social Justice

P.O. Box 10518 Atlanta, GA 30310

Phone: 404-755-2855 Fax: 404-755-0575

Donele Wilkins

WARM Training Program 4835 Michigan Avenue Detroit, MI 48210

Phone: 313-894-1030 Fax: 313-894-1063

Guy Williams

Environmental Defense Fund

1616 P Street, NW

Suite 150

Washington, D.C. 20036

MEMBERS OF THE NATIONAL ENVIRONMENTAL JUSTICE ADVISORY COUNCIL

1995-96 List (25 Members)

Designated Federal Official (DFO)

Dr. Clarice Gaylord
Director
Office of Environmental Justice (3103)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460
(202) 260-6357

Dr. Robert Bullard Environmental Justice Resource Center Clark Atlanta University 223 Brawley Drive, SW Atlanta, GA 30314

Dr. Mary R. English
Associate Director
Waste Management Research and Education
Institute
327 South Stadium Hall
University of Tennessee
Knoxville, TN 37996

Dr. Richard Lazarus Visiting Professor Georgetown University Law Center 600 New Jersey Avenue, NW Washington, DC 20001

Dr. Beverly Wright
Deep South Center for Environmental Justice
Xavier University
8131 Aberdeen Road
New Orleans, LA 70126

Mr. John C. Borum Vice President, Environment and Safety Engineering AT&T 131 Morristown Road Basking Ridge, NJ 07920

Mr. Charles McDermott
Director of Governmental Affairs
Waste Management, Inc.
1155 Connecticut Avenue, NW, Suite 800
Washington, DC 20036

Chair

Mr. Richard Moore Southwest Network for Environmental and Economic Justice 211 10th Street, SW Albuquerque, NM 87102 (505) 242-0416

Mr. Lawrence G. Hurst Director, Communications Motorola, Inc. Mail Drop R 3125 8220 East Roosevelt Scottsdale, AZ 85257

Mr. Michael Pierle Monsanto 800 North Lindburgh Street St. Louis, MO 63167

Ms. Dolores Herrera Executive Director Albuquerque/San Jose Community Awareness Council, Inc. 2401 Broadway Boulevard, SE Albuquerque, NM 87102-5009

Ms. Hazel Johnson Executive Director People for Community Recovery 13116 South Ellis Avenue Chicago, IL 60627

Dr. Jean Sindab National Council of Churches 475 Riverside Drive, Room 572 New York, NY 10115-0050

Mr. Charles Lee
Director of Research
United Church of Christ Commission for
Racial Justice
475 Riverside Drive, 16th Floor
New York, NY 10015

Mr. John O'Leary, Esq. Pierce Atwood 1 Monument Square Portland, ME 04101

Mr. Baldemar Velasquez Director Farm Labor Organizing Committee 507 South St. Clair Street Toledo, OH 43602

Mr. Haywood Turrentine Laborers-AGC Education and Training Fund P.O. Box 37 37 Deerfield Road Pomfret Center, CT 06259

Honorable Salomón Rondón-Tolléns President, Natural Resources and Environmental Quality Commission Capitolio San Juan, PR 00901

Ms. Velma Veloria
House of Representatives
Washington State Legislature
403 John L. O'Brien Building
P.O. Box 40622
Olympia, WA 98504-0622
OR 1511 South Ferdinand Street
Seattle, WA 98108

Mr. Arthur Ray, Esq.
Deputy Director
Maryland Department of the Environment
2500 Broening Highway
Baltimore, MD 21224

Ms. Gail Small Executive Director Native Action Box 316 Lame Deer, MT 59043

Ms. Jean Gamache, Esq. Tlignit and Haida Indian Tribes of Alaska 125 Christensen Drive P.O. Box 104432 Anchorage, AK 99510

Mr. Walter Bresette Lake Superior Chippewa Route 1, Box 117 Bayfield, WI 54814 Ms. Peggy Saika Asian Pacific Environment Network 3126 California Street Oakland, CA 94602

Ms. Nathalie Walker Sierra Club Legal Defense Fund 400 Magazine Street, Suite 401 New Orleans, LA 70130

Ms. Deeohn Ferris
Washington Office for Environmental
Justice
1511 K Street, NW, Suite 1026
Washington, DC 20005

MEMBERS OF THE WASTE AND FACILITY SITING SUBCOMMITTEE NATIONAL ENVIRONMENTAL JUSTICE ADVISORY COUNCIL

1995-96 List (15 Members)

Designated Federal Official (DFO)

Mr. Kent Benjamin
Office of Solid Waste and Emergency
Response
U.S. Environmental Protection Agency
401 M Street, SW (MC 5101)
Washington, DC 20460
(202) 260-1692
e-mail: benjamin.kent@epamail.epa.gov

Ms. Sue Briggum WMX Technologies, Inc. 1155 Connecticut Avenue, NW, Suite 800 Washington, DC 20036

Ms. Teresa Cordova, PhD University of New Mexico Community and Regional Planning Program School of Architecture and Planning 2414 Central Avenue, SE Albuquerque, NM 87131

Mr. Donald Elisburg
Donald Elisburg Law Offices
11713 Rosalinda Drive
Potomac, MD 20854-3531

Mr. Tom Goldtooth Red Band of Chippewa Indians P.O. Box 485 Albuquerque, NM 87102

Mr. Michael Guerrero SW Organizing Project 211 10th Street, SW Bemjidi, MN 56601

Mr. David Hahn-Baker Inside Out, Inc. 440 Lincoln Parkway Buffalo, NY 14216

Ms. Lillian Kawasaki Los Angeles Department of the Environment City Hall-Mail Stop 177 200 North Spring Street Los Angeles, CA 90012 Chair
Charles Lee
Director of Research
United Church of Christ Commission for Racial
Justice
475 Riverside Drive, 16th Floor
New York, NY 10015
(212) 870-2077

Mr. Tom Kennedy Association of State and Territorial Solid Waste Management Officials 444 North Capitol Street, Suite 388 Washington, DC 20001

e-mail: 103001.2273@compuserve.com

Mr. Scott Kayla Morrison President Choctaws for Democracy P. O. Box 11 Talinia, OK 74571

Mr. Jon Sesso Planning Director Silverbow Mt. Planning Committee 155 West Granite Street Butte, MT 59701

Mr. Lenny Siegel Pacific Studies Center 222-B View Street Mountain View, CA 94041

Dr. Jean Sindab Director National Council of Churches 475 Riverside Drive, Room 572 New York, NY 10115-0050

Ms. Connie Tucker Southern Organizing Committee P.O. Box 10518 Atlanta, GA 30310

Ms. Nathalie Walker Sierra Club Legal Defense Fund 400 Magazine Street, Suite 401 New Orleans. LA 70130

LIST OF EPA BROWNFIELDS PILOT SITES

Through November 1996

"Economic development and environmental protection must go hand-in-hand"

National Pilots

Baltimore, MD Birmingham, AL Bridgeport, CT Burlington, VT

Cape Charles-Northampton County, VA

Charlotte, NC Chicopee, MA

Chippewa County/Kinross Township, MI

Cleveland, OH Detroit, MI Emeryville, CA Houston, TX Indianapolis, IN

Kansas City, KS and MO

Knoxville, TN Laredo, TX Lawrence, MA Lima, OH Louisville, KY

Lowell, MA

Navajo Nation Newark, NJ New Orleans, LA New York, NY Oregon Mill Sites, OR

Phoenixville, PA Portland, OR Rhode Island Richmond, CA Richmond, VA Rochester, NY Rome, NY Sacramento, CA St. Louis, MO

St. Louis, MO Stockton, CA Tacoma, WA Trenton, NJ

West Central Municipal Conference, IL

Worcester, MA

Regional Pilots

Atlanta, GA Bellingham, WA Bonne Terre, MO Boston, MA Buffalo, NY

Buffalo, NY Camden, NJ Cincinnati, OH Clearwater, FL Concord, NH Dallas, TX

Downriver Community Conference, MI

Duwamish, WA East St. Louis, IL State of Illinois State of Indiana Kalamazoo, MI Miami. FL

State of Minnesota Murray City, UT Naugatuck Valley, CT New Haven, CT

Northwest Indiana Cities

Oakland, CA

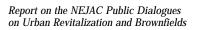
Panhandle Health District, ID

Philadelphia, PA Pittsburgh, PA Portland, ME Prichard, AL Provo, UT

Puyallup Tribe of Tacoma, WA

Salt Lake City, UT Sand Creek Corridor, CO San Francisco, CA Shreveport, LA

Sioux Falls, SD Somerville, MA West Jordon, UT



This page intentionally left blank

KEY EPA ACTIONS TO DATE

This is a list of the several key actions EPA has undertaken related to the Brownfields Initiative.

Informed and Empowered Community

Community Involvement in Brownfields pilot projects

- 6/95 Initiated the "community involvement check-up," as an ongoing part of the Brownfields national pilot application process to confirm the participation of the local community organizations and representatives. (This was in response to recommendations made at the Philadelphia Public Dialogue.)
- 8/95 Developed a Response to the NEJAC "Resolution on Environmental Justice and Urban Revitalization" for review by the Federal Interagency Working Group (IWG) on Environmental Justice.
- 9/95 Integrated comments from NEJAC subcommittee members in the revised version of the "Application Guidelines" booklet for the Brownfields national pilots.
- 2/96 Sponsored the "Brownfields Pilots National Workshop" which used the NEJAC working draft Public Dialogue report to develop the breakout sessions' agendas. EPA sponsored the participation of community representatives from Oakland, CA; Detroit, MI; and Boston, MA.

Job Creation, Training, and Career Development

Training Programs (Teacher's Institute, Rio Hondo, HMTRI, NIEHS, Superfund Step-Up, Cuyahoga Community College, Department of Labor)

TEACHER'S INSTITUTE

- 6/95 Conducted the third EPA-Morgan State University Summer Environmental Teachers Institute, in Baltimore, Maryland (40 teachers from across the country attended).
- 1/96 Awarded a cooperative agreement to Morgan State University to sponsor the fourth Summer Environmental Teachers Institute, scheduled for July 7-19 in Baltimore, Maryland.

RIO HONDO COLLEGE

- 8/95 Established the Rio Hondo College Environmental Education and Training Center in Whitter, California. The college began work on this project in March, 1995, through a cooperative agreement with EPA, to provide environmental job training and placement for local residents and has an 85% minority enrollment.
- HMTRI Continued to sponsor job training and development and community outreach activities linked to the Brownfields Initiative, by working with the Hazardous Materials Training and Research Institute (HMTRI) to expand training and curriculum development to community colleges located near brownfields pilots.
- 11/95 Sponsored a HMTRI workshop in Baltimore, Maryland which was attended by 17 community colleges located near Brownfields pilot sites.
- 2/96 Invited HMTRI to participate in the Brownfields Pilots National Workshop Showcase in order to conduct outreach to EPA brownfields pilots and other stakeholders.

- 3/96 Awarded a cooperative agreement to HMTRI to continue providing workshops, curriculum and technical assistance to community colleges located near brownfields communities.
- 7/96 HMTRI workshop to be held in St. Louis, MO. Twenty brownfields community colleges are scheduled to attend, along with representatives form the St. Louis Brownfields pilots, the St. Louis Private Industry Council, and organized labor.
- NIEHS EPA is working with the National Institute of Environmental Health Sciences (NIEHS) to ensure the minority worker training grants established to facilitate the development of urban minority youth worker training programs overlap with Brownfields pilot communities (e.g., Cleveland, New Orleans).

CUYAHOGA COMMUNITY COLLEGE

EPA continues to sponsor job training, education and outreach activities related to Brownfields at Cuyahoga Community College (TRI-C) in Cleveland, Ohio. In addition, TRI-C was awarded a NIEHS Minority Worker Training Program grant, through Laborers AGC, which should enhance job training activity in the Cleveland area.

SUPERFUND STEP-UP

The Superfund Step-Up Program is designed as a partnership between EPA, HUD, and DOL to collaborate in facilitating training and employment opportunities for community residents in the environmental cleanup field. The program is designed to encourage contractors, labor organizations, where applicable, and other sponsors to involve community residents in the benefits of environmental cleanup and related activities.

DEPARTMENT OF LABOR

EPA and DOL's Employment and Training Administration (ETA) are working together to link EPA local brownfields contacts with local Job Training Partnership Act (JTPA) funded organizations, such as Private Industry Councils. The partnership between the two agencies focuses on creating mechanisms to promote local hiring at brownfields sites.

Community/Private Sector Partnerships

EPA Intergovernmental Personnel Assignments

EPA has assigned eight staff members, though IPAs, to help develop State and local Brownfields programs. Currently, two staff members are assigned with the States of Illinois and Colorado, and one each to Dallas, TX; Detroit, MI; East Chicago, IN; East Palo Alto, CA; and Los Angeles, CA.

State, Local, Tribal, and Territorial Governments

Partnerships with Local Government Partners

International City/County Management Association (ICMA)

ICMA is an international professional and education organization for appointed administrators and assistant administrators who serve cities, counties, district, and regions. ICMA recently entered into a cooperative agreement with EPA to develop a CD ROM resource for municipalities involved in Brownfields cleanup and redevelopment activities.

Northeast-Midwest Institute

The Northeast-Midwest Institute is a non-profit research and public education organization dedicated to the long-term economic vitality of the Northeastern and Midwestern States. They do research, develop public policies to address the economic barriers to Brownfields, write case studies, sponsor regional conferences and distribute publications. They wrote the first comprehensive analysis of the Brownfields issue in 1991 and are working with EPA on a cooperative agreement to develop case studies on current Brownfields pilots and previous Brownfields activities captured in one of their earlier reports. Results will be communicated through constituent education briefings held in the east, Midwest and western regions of the US, sponsored by Members of Congress.

Federal Interagency Cooperation, etc.

Joint Research with the Department of Housing and Urban Development

EPA and HUD are funding a joint cooperative agreement to research the effect contamination has on property values

Memorandum of Understanding's with Federal Partners

Housing and Urban Development (HUD)

Singed a MOU with the Department of Housing and Urban Development (HUD) to partner on the Superfund Step-Up apprenticeship training program for economically disadvantaged persons living in the vicinity of Superfund Sites.

Economic Development Administration (EDA)

EPA signed a MOU with EDA of the Department of Commerce to consult on economic redevelopment and reuse of Brownfields to ensure that sound environmental and economic development principles are followed, and to share knowledge and serve on advisory groups regarding Brownfields projects.

U.S. Department of Labor (DOL)

Anticipate signing of a memorandum of understanding in the Summer of 1996 with the Department of Labor's Employment and Training Administration (ETA) which will foster coordination on workforce development activities related to the Brownfields program.

Expect to finalize MOU with the Department of Labor's Bureau of Apprenticeship and Training (BAT) on the Superfund Step-Up Apprenticeship Training Program during the Summer of 1996.

U.S. Department of the Interior

EPA is working on development of a Memorandum of Understanding (MOU) with the Rivers and Trails Assistance Office of the Department of Interior (under the U.S. Park Service). The MOU will encourage effective collaboration at Brownfields Pilots and long term sustainability at these sites by testing community driven non-profit approaches such as those used by the GroundWork Trust of England, numerous Redevelopment Authorities and other Community Development Corporations. DOI's contributions include urban beautification activities, enhancement of amenities such as green spaces, public places, parks and trails, and remediation/revitalization/redevelopment activities underway through the Brownfields pilots and other locations.